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(54) **SEPARATION OF POLYPEPTIDE MONOMERS**(75) Inventors: **Deborah Ann Ansaldi**, San Mateo, CA (US); **Philip Lester**, San Lorenzo, CA (US)(73) Assignee: **Genentech, Inc.**, South San Francisco, CA (US)

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See application file for complete search history.(56) **References Cited**

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Primary Examiner—S. L. Turner(57) **ABSTRACT**

A method is disclosed for separating a polypeptide monomer from a mixture comprising dimers and/or multimers. The method comprises applying the mixture to either a cation-exchange chromatography resin or an anion-exchange chromatography resin and eluting the mixture at a gradient of about 0–1 M of an elution salt, wherein the monomer is separated from the dimers and/or multimers present in the mixture.